

CHAINS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD NOTES

## OF THE

DEPENDENT RESURVEY OF THE LINE BETWEEN SECTIONS 34 AND 35,  
TOWNSHIP 32 SOUTH, RANGE 7 WEST,  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

## EXECUTED BY

Terrence O. Nickerson, Cadastral Surveyor

Gordon L. Caster, Surveying Technician

Under Special Instructions dated March 14, 1990,

approved March 14, 1990,

which provided for the surveys included under Group No. 1528,

and Assignment Instructions dated March 26, 1990.

Survey commenced March 26, 1990

Survey completed April 2, 1990

## T. 32 S., R. 7 W., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of the line between sections 34 and 35, township 32 south, range 7 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as follows:

The Seventh Standard Parallel South (south boundary of the township) and subdivisional lines were surveyed by William H. Byars, U. S. Deputy Surveyor, in 1881.

A portion of the Seventh Standard Parallel was resurveyed by Lynn M. Roseberry and Rollin D. Aanrud, Cadastral Surveyors, in 1975.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 14, 1990, for Group No. 1528, Oregon.

The directions of the lines refer to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

Preliminary to the resurvey, the lines of the original surveys were retraced and search was made for all corners and other calls of the record. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding public lands were blazed.

A Detectable Electronically Energized Particle (DEEP-1 TM) was buried as a memorial at the N 1/16 section corner of sections 34 and 35. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the corner of sections 26, 27, 34, and 35, as determined from a direct tie to Geodetic Control Station EC 71084 established by the Bureau of Land Management, is as follows:

Latitude 42° 45' 14.78" N. Longitude 123° 30' 18.56" W.

The mean magnetic declination is 18° East.

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**Dependent Resurvey of the Line Between Sections 34 and 35,  
T. 32 S., R. 7 W., Willamette Meridian, Oregon**

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(Restoring the survey by William H. Byars, in 1881,  
and the resurvey by Lynn M. Roseberry and Rollin D. Aanrud, in 1975)

Dependent Resurvey of the Line Between Sections 34 and 35,  
T. 32 S., R. 7 W., Willamette Meridian, Oregon

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Beginning at the standard cor. of secs. 34 and 35, on the S. bdy. of the Tp., monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.

S C  
T 32 S R 7 W  
S 34 \* S 35  
1975

from which the remains of the bearing trees mkd. by Norman D. Price, Registered Land Surveyor No. 33, recorded in Douglas County Survey No. 41-301, in 1954

A sawed fir stump, 15 ins. diam., bears N. 9¼° E.,  
68 lks. dist., with bottom portion of healed blaze.

A madrone, 16 ins. diam., bears N. 24¼° W., 27½ lks.  
dist., with healed blaze.

and a new bearing tree

A fir, 10 ins. diam., bears N. 29¼° E., 64½ lks. dist.,  
mkd. T32S R7W S35 SC BT.

N. 0° 32' 00" E., bet. secs. 34 and 35, marking and blazing the true line.

Ascend broken SE. slope, through heavy timber and dense undergrowth along W. edge of recent logged area.

2.00 Dirt road, 20 lks. wide, bears N. 80° E. and S. 80° W.

19.510 The S 1/16 sec. cor. of secs. 34 and 35 established by Ronald A. Quimby, Registered Land Surveyor No. 1654, recorded in Douglas County Survey No. 335-83, in 1983, which is accepted as the corner, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd.

T 32 S R 7 W WM  
S 1/16  
S 34 \* S 35  
1983  
RLS 1654

from which bearing trees mkd. by Quimby

A ponderosa pine, 12 ins. diam., bears S. 59° E.,  
51½ lks. dist., with healed blaze.

A fir, 9 ins. diam., bears N. 43° W., 33 lks. dist.,  
with healed blaze.

Dependent Resurvey of the Line Between Sections 34 and 35,  
T. 32 S., R. 7 W., Willamette Meridian, Oregon

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	N. 0° 32' 00" E., beginning new measurement.
	Ascend broken SE. slope
18.50	Top of ascent, slopes E.; desc. NE. slope.
19.510	The ¼ sec. cor. of secs. 34 and 35, established at proportionate distance by Ronald A. Quimby, Registered Land Surveyor No. 1654, recorded in Douglas County Survey No. 335-83 in 1983. There is no remaining evidence of the original corner, therefore this position is accepted as the corner, monumented with an aluminum post, 2½ ins. diam., firmly set flush with the ground, with aluminum cap mkd.
	T 32 S R 7 W WM ¼ S 34 * S 35 1983 RLS 1654
	from which bearing trees mkd. by Quimby
	A fir, 9 ins. diam., bears N. 89° E., 29½ lks. dist., with healed blaze.
	A chinquapin, 9 ins. diam., bears N. 12° W., 56 lks. dist., with scribe marks ¼ S34 BT visible on partially healed blaze.
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	N. 0° 32' 00" E., beginning new measurement.
	Descend NE. slope.
10.10	Bottom of descent, slopes E.; asc. SW. slope.
19.510	Point for the N 1/16 sec. cor. of secs. 34 and 35.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	N 1/16 S 34 * S 35 1990
	from which
	A live oak, 7 ins. diam., bears S. 46½° E., 77 lks. dist., mkd. N 1/16 S 35 BT.
	A fir, 30 ins. diam., bears S. 4¼° W., 63½ lks. dist., mkd. N 1/16 S 34 BT.

Dependent Resurvey of the Line Between Sections 34 and 35,  
T. 32 S., R. 7 W., Willamette Meridian, Oregon

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Deposit white "DEEP-1" magnetic marker at base of stainless steel post.

Ascend SW. slope.

22.50 Spur, slopes SE.; desc. NE. slope.

26.80 Ravine, drains N. 60° E.; asc. along E. slope.

34.50 Top of ascent, slopes E.; desc. along E. slope.

35.90 Head of ravine, drains SE.; asc. steep S. slope.

39.020 The cor. of secs. 26, 27, 34, and 35, perpetuated by Ronald A. Quimby, Registered Land Surveyor No. 1654, recorded in Douglas County Survey No. 335-83, in 1983, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with aluminum cap mkd.

T 32 S R 7 W WM  
27 \* 26  
 34 \* 35  
 1983  
 RLS 1654

from which the remains of the original bearing trees

A madrone root cluster, bears N. 32° E., 61 lks. dist.

A ponderosa pine stump, 26 ins. diam., bears S. 79° E.,  
340 lks. dist., no marks remain. (Record, S. 75° E.)

and bearing trees mkd. by Quimby

A live oak, 6 ins. diam., bears N. 34° E., 9 lks. dist.,  
with scribe marks T32S R7W S26 BT visible on partially  
healed blaze.

A madrone, 10 ins. diam., bears S. 70° E., 60½ lks. dist.,  
with scribe marks T32S R7W S35 BT visible on partially  
healed blaze.

A fir, 31 ins. diam., bears S. 83° W., 128½ lks. dist.,  
with pitched over blaze.

A madrone, 9 ins. diam., bears N. 64° W., 58 lks. dist.,  
with scribe marks T32S R7W S27 BT visible on partially  
healed blaze.

From this point, the Bureau of Land Management Geodetic Control Station No. EC 71084, at latitude 42° 45' 15.855" N., longitude 123° 30' 18.897" W. (NAD 1927), determined by the Navstar Global Positioning System, bears N. 12° 44' 23" W., 1.704 chs. dist.,

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monumented with a finned aluminum post,  $\frac{3}{4}$  in. diam., with aluminum cap set flush with the ground, in concrete, mkd. DEPT OF INTERIOR CONTROL SURVEY STATION EC 71084 1988 and a triangle.

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**GENERAL DESCRIPTION**

The lands included in the foregoing survey are situated about five miles westerly of the town of Glendale, Oregon. Access is gained by way of Cow Creek County Road and a logging road branching from it.

The area is drained by some small drainages which flow into Cow Creek. Elevations range from about 2500 feet above sea level near the corner of 26, 27, 34, and 35, to about 1500 feet above sea level near the standard corner of sections 34 and 35.

Soil in the area is composed generally of rocky clay. The timber is primarily fir, with stands of pine, cedar, madrone, oak, and chinquapin; with undergrowth of manzanita, ocean spray, hazel, vine maple, ceanothus, and young timber.

The magnetic declination for the area surveyed is 18° East, as shown on the United States Geological Survey "MOUNT REUBEN, OREG.," 7½ minute series, provisional edition, quadrangle map, dated 1989.